

DEFT, INC. -- MIL-PRF-85285C (MIL-C-85285B), 03GY274CAT16440 -- 8010-01-265-9151

===== Product Identification =====

Product ID:MIL-PRF-85285C (MIL-C-85285B), 03GY274CAT16440

MSDS Date:05/30/2000

FSC:8010

NIIN:01-265-9151

Status Code:A

MSDS Number: CLGJP

=== Responsible Party ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Info Phone Num:949-474

-0400

Emergency Phone Num:800-424-9300

Preparer's Name:RYAN MICKELSON

CAGE:33461

=== Contractor Identification ===

Company Name:DEFT, INC.

Address:17451 VON KARMAN AVE

City:IRVINE

State:CA

ZIP:92614

Country:US

Phone:949-474-0400

CAGE:33461

===== Composition/Information on Ingredients =====

Ingred Name:N-BUTYL ACETATE

CAS:123-86-4

RTECS #:AF7350000

= Wt:5.

Environmental Wt:0.

OSHA PEL:710 MG/M3;150 PPM

ACGIH TLV:713 MG/M3;150 PPM

ACGIH STEL:950 MG/M3;200 PPM

EPA Rpt Qty:5000

LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL 3-ETHOXYPROPIONATE  
CAS:763-69-9  
RTECS #:UF3325000  
= Wt:5.

Ingred Name:XYLENE  
CAS:1330-20-7  
RTECS #:ZE2100000  
&lt; Wt:1.  
ACGIH TLV:434 MG/M3;100 PPM  
ACGIH STEL:651 MG/M3;150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:BENZENE, ETHYL-  
CAS:100-41-4  
RTECS #:DA0700000  
&lt; Wt:1.  
OSHA PEL:435 MG/M3;100 PPM  
ACGIH TLV:434 MG/M3;100 PPM  
ACGIH STEL:543 MG/M3;125 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ANTI-FLOAT AGENT  
&lt; Wt:1

Ingred Name:ANTI-MAR AGENT  
&lt; Wt:.1

Ingred Name:DIBUTYLSTANNYLENE DILAURATE  
CAS:77-58-7  
RTECS #:WH7000000  
&lt; Wt:.1

Ingred Name:2,4-PENTANEDIONE  
CAS:123-54-6  
RTECS #:SA1925000  
&lt; Wt:5.

Ingred Name:METHYL N-AMYL KETONE  
CAS:110-43-0  
RTECS #:MJ5075000  
= Wt:20.  
OSHA PEL:465 MG/M3;100 PPM  
ACGIH TLV:233 MG/M3;50 PPM

Ingred Name:BUTYL CARBITOL ACETATE  
CAS:124-17-4  
RTECS #:KJ9275000  
&lt; Wt:5.

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===== Hazards Identification =====

Routes of Entry: Inhalation:

YES Skin: YES Ingestion: NO

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: ACUTE: VAPORS ARE IRRITATING TO EYES, NOSE AND THROAT. INHALATION MAY CAUSE HEADACHES, DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS. CHRONIC: PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE TO DEFATTING ACTION. SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Effects of Overexposure: INHALATION: IRRITATION OF THE RESPIRATORY TRACT

AND ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN: CONTACT WITH THE SKIN CAN CAUSE IRRITATION. SYMPTOMS MAY BE SWELLING, REDNESS, AND RASH. EYES: LIQUID AEROSOLS, OR VAPORS ARE IRRITATING AND MAY CAUSE TEARING, REDNESS, AND SWELLING ACCOMPANIED BY A STINGING SENSATION.

Medical Condition Aggravated by Exposure: ASTHMA AND ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS.

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===== First Aid Measures =====

First Aid: INHALATION: MOVE TO AN AREA FREE FROM RISK OF FURTHER EXPOSURE. RESTORE BREATHING. ASTHMATIC TYPE SYMPTOMS MAY DEVELOP. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. WASH CLOTHES BEFORE REUSE. EYES: FLUSH WITH CLEAN LUKEWARM WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION. INGESTION:

DO

NOT INDUCE VOMITING. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method: TCC

Flash Point: =19.4C, 67.F

Extinguishing Media: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, WATER SPRAY

Fire Fighting Procedures: FULL FIRE FIGHTING EQUIPMENT WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING SHOULD BE WORN BY FIRE FIGHTERS. WATER MAY BE USED TO COOL

L CLOSED

CONTAINERS TO PREVENT PRESSURE BUILD UP, AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONATAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECI AL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

===== Accidental Release Measures ==  
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Spill Release Procedures:EVACUATE ALL NON ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. AVOID STORING NEAR HIGH TEMPERATURES, FIRE, OPEN FLAMES, AND SPARK SOURCES. STORE IN TIGHTLY CLOSED CONTAINERS. STORE IN A WEL

L VENTILATED ARE A.

Other Precautions:KEEP CONTAINERS TIGHT AND UPRIGHT TO PREVENT LEAKAGE. PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MISTS. PROLONGED OVEREEXPOSURE MAY CAUSE AN ALLERGIC REACTION. AVOID CONTACT WITH SKIN AND EYES. DO NOT TAKE INTERNALLY. DO NOT HANDLE UNTIL YOU'VE READ AND UNDERSTOOD THIS MSDS. WASH HANDS BEFORE EA TING,SMOKING, JOHN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:A RESPIRATOR THAT IS RECOMM ENDED OR APPROVED FOR

USE IN AN ORGANIC VAPOR ENVIROMENT IS NECESSARY. OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE. VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURE LEVELS BE LOW THE OSHA PERMISSIBLE LIMITS. IF TLV LIMITS CAN BE MAINTAINED AND DOCUMENTED BELOW THE OSHA/ACGIH LIMITS, ON AIR SUPPLIED RESPIRATOR MAY NOT BE REQUIRED.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE CONCENTRATIONS OF SOLVENT VAPORS OR MISTS BELOW THEIR RESPECTIVE TLV'S MUST B

E UTILITZED.

Protective Gloves:COTTON, NEOPRENE, RUBBER POLYETHYLENE

Eye Protection:CHEMICAL GOGGLES OR FACE SHIELDS WITH. SOMETHING WITH SIDESHIELDS/SPLASH GUARD.

Other Protective Equipment:THE USE OF LONG SLEEVE AND LONG LEG CLOTHING IS RECOMMENDED. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt.=260.C, 500.F

Spec Gravity:1.22569

Evaporation Rate & Reference:0.4

Sol

ubility in Water:INSOLUBLE

Appearance and Odor:GREY LIQUID WITH SOLVENT ODOR

Percent Volatiles by Volume:50.0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES.

Hazardous Decomposition Products:BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:STRONG OXIDIZING AGENTS

===== Disposal Considerations =====

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIROMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE,DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR.

===== Regulatory Information =====

State Regulatory Information:

Disclaimer (provided with this information by the compiling agencies):

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